

**MASTER PLAN WORKSHOP 12.11.12**  
**Finance + Business Staff**

**Station 1: Coordination of Academic Programs and Physical Planning**

What is being done well?

- Court of NC: multiple academic programs
- Thompson/quad – co located
- Design quad/mixed use commons – outdoor space (well used, ped scale, exped)
- Kilgore/Nelson/Gov.’s Scott’s courtyard
- SAS/Park Shops
- Stream restoration/greenway
- Green space by research buildings
- COD/facilities: rain garden etc.
- Better classroom utilization than 10 years ago

What could be improved?

• Corner/western corridor: needs improvement to outdoor, better link	<b>(1 red - 1 orange)</b>
• Dedicated ‘temp’ lab building (for limited time funding)	<b>(3 orange)</b>
• Improved working environment: no windows	<b>(3 red)</b>
• Veteran – friends space (ded. Study, services connect to other vets)	<b>(2 red)</b>
• Outdoor classrooms (maybe one by Gov.’s Scott’s courtyard, opp to combine as mixed use – if close to Hillsborough)	<b>(2 red - 3 orange)</b>
• West research annex – slightly isolated	<b>(1 red)</b>
• Solar center – isolated (maybe improved by Varsity Dr. improvements)	<b>(2 red - 3 orange)</b>
• Center for universal design – improve Campus Dr.	
• Priority on renovate old labs rather than building new	<b>(6 red - 4 orange)</b>
• More funding for learning space (also lounge, etc)	<b>(1 red - 2 orange)</b>
• ROTC maybe relocate, renovate Reynolds toilets (small/narrow corridors)	<b>(1 orange)</b>
• Matching classroom inventory with need <ul style="list-style-type: none"> <li>- By neighborhood (size/location)</li> <li>- Engineers bused to North Campus for Eng/Chass: maybe offer some on Centennial</li> <li>- More RMS by FAC office, req – higher utilization</li> </ul>	<b>(2 red - 4 orange)</b>
• Code review of space needed on all campuses (ADA, etc.)	<b>(1 orange)</b>
• Accessible/all campus map/ path improvement	
• Central Campus-linked green space needed	<b>(5 red - 1 orange)</b>
• Cent: gaps between buildings <ul style="list-style-type: none"> <li>- Pocket parks (oval by EB’s), outdoor classrooms</li> <li>-</li> </ul>	<b>(3 orange)</b>
• PCOM: reconsider location	
• CNR: closer to NOAA, wildlife	
• Integrate security into lab by outside leases, users billed by check-in for equip	<b>(1 orange)</b>
• Facilities and faculty (i.e. Cates Ave stream plant class) <ul style="list-style-type: none"> <li>- More opportunities</li> <li>- With COD</li> </ul>	<b>(4 red)</b>

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**Station 2: Mixed-Use Activities Issues**

What is being done well?

- Green space
- Food service
- Centennial Campus Plans
- Network of C-Stores
- College of Design Courtyard
- iCafe (for common folk)
- Food trucks
- Gathering spaces with new renovations and buildings
- Centennials oval and surrounding amenities
- 1911 building
- Planned Poole club house
- Admin III courtyard
- Friday Institute and ECH

What could be improved?

• North Campus- more deliberate	<b>(1 red)</b>
• Service issues with buildings originally designed for academics (no “backdoor”) - Clear entrance better defined	<b>(1 red)</b>
• Address safety/security issues because more open to community	<b>(2 red- 1 orange)</b>
• Address operating schedules (when class and dining don’t align)	<b>(2 red – 1 orange)</b>
• New services (Dining, etc.) for ES King and Western Manor)	
• Student Rec Center at Centennial	<b>(7 red – 4 orange)</b>
• Continue food trucks	
• General amenities at Centennial (food, rec, retail, health clinics, etc.)	
• Better utilization of Lake Raleigh	<b>(1 red)</b>
• Centennial as a destination (bring in community)	<b>(1 red – 1 orange)</b>
• L. Wheeler milking parlor – how to get on planning radar	
• Move multipurpose zone shops	
• Each precinct has basic amenities (esp. West)	<b>(2 red – 1 orange)</b>
• Better utilize Fountain Dining Hall	
• More greenspaces connecting campus	<b>(4 orange)</b>
• Admin buildings – coffee/snack options and dining/food	
• McKimmon courtyard tie to visitor center	<b>(2 orange)</b>
• Rec fields on Varsity	<b>(1 red)</b>
• Daycare- affordable, local, central location	<b>(6 red – 2 orange)</b>
• With apartments- grocery and other household needs	<b>(2 red – 2 orange)</b>
• More community gardens that include faculty and staff	<b>(3 orange)</b>
• New amenities: barber shop, valet parking, laundry/ dry cleaning, car detail	<b>(2 orange)</b>
• Better encourage people to come to Court of Carolinas	
• Bus shelters with solar	<b>(1 red – 3 orange)</b>
• Clustered gatherings spaces (think hotel lobby) for large spaces	
• Swim up bar	
• Outdoor classroom that serves as event space- West end of N. Campus	<b>(2 red)</b>
• Food cart (goes through buildings)	

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**Station 3: Design Harmony, Human-Scaled Neighborhoods and Paths**

What is being done well?

- Arboretum on N. Campus
- Cates Cogeneration plant
- Tucker Beach
- Future Talley Green
- CVM Hearth
- Carmichael renovation and entry (Older building)
- Open spaces at CC
- New plaza at Hunt and P1
- Coffee shops
- Court of NC
- Mary Yarborough
- Continuation of Tree heritage program
- Architecture surrounding Governors Scott Courtyard
- Renovation of Park Shops
- Gateways transform campus edges
- Erdahl-Cloyd/Atrium terrace

What could be improved?

• More human scale at CC needed for buildings, spaces, and streets	<b>(1 red)</b>
• Main campus drive - traffic calming needed	
• Pave cow paths at Weaver/Grinnels & North side of Faucette Dr.	
• Campus edge along Western Blvd. needs human scale and area behind EH&S needs human scale/ screening with landscaping	<b>(2 red)</b>
• Continue to develop tree heritage program	<b>(1 orange)</b>
• Improvement planned for Carmichael needs implementation	
• More unique character needed in building design and material palettes across campus	<b>(2 red)</b>
• Exterior wayfinding signage at Administrative Buildings complex needed	
• More development of greenways needed across all precincts	<b>(4 red - 2 orange)</b>
• East-West paths from Avent Ferry through Centennial Campus needed	
• Good design for Brickyard/Green space needed to replace Harrelson when building is demolished	
• Avent Ferry complex needs neighborhood development – it doesn't feel like a campus neighborhood	<b>(1 red - 3 orange)</b>
• Carter Finely parking areas don't feel like they are part of campus or a neighborhood	<b>(2 orange)</b>
• North Campus needs to be more pedestrian friendly (buildings are too dense)	<b>(1 red)</b>
• Poe Hall is ugly & outdated & doesn't blend with neighborhood. JUST DEMOLISH IT!	<b>(3 red - 3 orange)</b>
• Monteith Research Center entry is underdeveloped	
• Bragaw and Lee and Sullivan Residence Halls are outdated	<b>(1 red)</b>
• Harrelson is ugly	
• Railroad track areas need landscaping/screening	
• Dan Allen corridor streetscape needs better aesthetics	<b>(4 red - 1 orange)</b>
• More outdoor seating and covered seating needed for collaboration	<b>(1 orange)</b>
• Better maintenance of brick sidewalks needed at Brickyard, Ct of NC, Cates Ave. and everywhere	<b>(1 red - orange)</b>
• Aesthetics needed at area behind Yarborough Plant	<b>(1 red)</b>
• Develop more campus gateways	<b>(4 red - 4 orange)</b>
• Replace standard S-Curve bike racks (w/ more decorative ones like at Duke)	
• Replace Williams with classroom building instead of replacing Harrelson w/a building	
• Make a celebrated plaza at Belltower w/ plaques for history/ description, etc.	
• Need more historical buildings renovations like Park Shops	<b>(3 red - 6 orange)</b>
• Need fewer rectilinear building features and more circular features	
• Aesthetic screening behind Cox - Dabney needed	<b>(1 orange)</b>
• Bragaw façade renovation needed	
• Landscape/ screening of elec. Equipment yards needed	<b>(3 red - 1 orange)</b>
• Cates Ave needs to be more pedestrian and vehicle friendly	<b>(1 red)</b>
• Develop unique character for each neighborhood	<b>(3 orange)</b>
• Too much brick on campus	

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| <ul style="list-style-type: none"><li>• Move Cates plant fuel tanks<ul style="list-style-type: none"><li>- East of Student Health parking</li></ul></li></ul> |  |
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**Station 4: Sustainability**

What is being done well?

- Rain gardens – student projects
- Existing sustainability – signage
- Energy efficiency – moving in the right direction
- E85 in our fleet
- Sustainability tour
- Composting dining hall food waste off site (Brooks)
- Walking paths
- CO2 monitors
- Student participation

What could be improved?

• Zero waste	
• More vegetarian options	
• Continuous greenway through/between campuses	<b>(1 red - 2 orange)</b>
• Solar thermal for appropriate locations	
• Consider trimester system instead of semester system and extend class day and extend class week	<b>(1 red)</b>
• Office hotel – sharing for adjunct, emeriti, extension, etc. and grad students	
• Space management as an asset, not a possession – share space, so space is used efficiently. Use incentives!	<b>(7 red - 5 orange)</b>
• Assign dollar value to green spaces and trees	<b>(1 red - 1 orange)</b>
• More combined heat and power projects on campus	<b>(1 red)</b>
• Lease roods and parking decks for solar PV	<b>(1 red - 4 orange)</b>
• Paths and trails through Forest at Wood Residence Hall (like Rocky Branch with signage)	
• Replace rocky branch signage	
• Composting yard waste – need dedicated space closer to campus and need more space	
• Grow food for dining hall on campus	<b>(3 red - 2 orange)</b>
• <b>Intersession</b> setbacks needs improvement for 24/7 activities	<b>(1 red)</b>
• Storm water – low impact BMPs on site and along roadways and medians	<b>(1 red)</b>
• Sustainability signage for buildings – self guided tour of all features	
• Solar canopies for parking lots	<b>(3 red)</b>
• Energy efficiency	
• Electricity generation on campus	<b>(1 red - 2 orange)</b>
• Wind farm – centennial campus open space or west campus	<b>(1 orange)</b>
• Water conservation	
• Digital or small sustainability signage	<b>(1 orange)</b>
• Student design/ build – landscape, hardscape, storm water	
• More beehives	
• More integrated pest management and eliminate ‘round-up’	
• Alcohol on centennial campus – bar/ entertainment	<b>(2 red - 3 orange)</b>
• Coordinate landscape with safety (right plant, right place)	<b>(1 red - 1 orange)</b>
• Community gardens for residence halls	
• Alternative fuel (electric, natural gas) – fleet vehicle, conversion and new vehicles	<b>(3 red - 3 orange)</b>
• Walking paths should be well lit	<b>(3 red)</b>
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• Encourage more bicycling	
• Covered bike storage	

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• More green roofs	
• Require storm water capture	
• Relax summer dress code	
• Increased use of CO2 monitors	
• Smart grid demon - station on Centennial Campus	<b>(2 red - 3 orange)</b>
• Geothermal heat pump for town center	<b>(1 orange)</b>
• Certify own building, instead of LEED	
• Legislation to allow for electric vehicles	<b>(1 red)</b>
• Sustainability tips (signs) in buildings	
• Expand awareness of sustainability tour - digital access (APP)	<b>(1 orange)</b>
• Include signage at site with QR codes	
• In buildings w/o dashboards or remote access - real time energy usage on web via QR codes	
• Buildings that create more energy than they use	<b>(1 orange)</b>

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**Station 5: Pedestrian-Oriented Campus Issues**

What is being done well?

- Parking lot improvements at Lee parking lot
- Cut through 1911 building working well
- Sidewalk cut-through from Cates Ave. to Rocky Branch Greenway behind Carmichael Gym
- Landscape around pedestrian areas is nice
- New improvement at Avent Ferry Rd and Western Blvd. for pedestrian access – landscape
- Mid-block cross at **Capability Drive** at Centennial Campus
- Wolf plaza – as a nesting and gathering place

What could be improved?

• Yarbrough Drive is not a good pedestrian corridor	
• Avent Ferry Rd, Western Blvd crossing	<b>(18 red - 4 orange)</b>
• Avent Ferry Rd and Varsity Drive crossing needs improvement	
• Better access from fairground to Cater Finely stadium/ over- bridge of tunnel	<b>(1 orange)</b>
• Pave the “pig paths”	
• Better defined Main Campus walk - Straight paths instead of curves	
• Lack of direct access from Biltmore towards Cate Ave.	
• Need better pathway behind Patterson from the Court of Carolinas to Dan Allen	<b>(1 red)</b>
• Make Bragaw through pedestrian access like 1911	<b>(1 red)</b>
• Pay more attention to North/South connection	
• Better/safer crossing from Dan Allen to David Clark	
• Better access across Dan Allen and Hillsborough	<b>(1 orange)</b>
• Lighting needed along Rocky Branch from Dan Allen to Morrill	
• Better connection from North Campus to Pullen Park and Gregg Museum	
• More benches throughout campus	
• Better pedestrian connections between campus precincts	
• No way to walk from Main Campus (North/Central) to CC and West Campus precinct	<b>(2 red - 6 orange)</b>
• More outdoor covered seating in green spaces	<b>(1 red - 3 orange)</b>
• Need a better connection between ES King and Wolf Village	
• Need scooter parking areas	<b>(1 red)</b>
• Education of scooter users	<b>(1 red)</b>
• Better edu on skateboard use - What rules do they need to follow? Better definition	
• Should be an area on campus just for skateboard trick use	
• More monitoring security	<b>(1 orange)</b>
• Better lighting/ need North of Tri-Towers	<b>(1 orange)</b>
• Ban skateboards from Campus	<b>(1 red)</b>
• Add and improve bike lanes	<b>(4 red - 6 orange)</b>
• Ban cars from campus / like Disney World	<b>(1 red)</b>
• C.Campus sidewalks too wide	
• Better pedestrian access/ Location of food trucks	
• Signage to point out Parents Park	
• Design sidewalks for high heels	
• Bricks are slick during ice and snow	
• Bikes need to adhere to traffic rules. Need to take classes.	<b>(2 orange)</b>
• Need to improve path “Grit” at Dan Allen and Sullivan	<b>(1 orange)</b>
• Ski lift between Centennial and Main/Central/ South campuses	
• Continue to develop greenways	<b>(1 red - 1 orange)</b>
• Bus stops creates pedestrian and vehicular conflicts -consider moving to protect peds.	<b>(1 orange)</b>
• Stabilize all grit paths on campus	
• Change color of pavement between SAS plaza and Park Shops- Peds crossing in road	

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**Station 6: Effective Vehicular Movement**

What is being done well?

- Restrictions in URBAN AREAS (North Campus, Dan Allen)
- Increase in use of structured parking
- Connection of Yarbrough and Friendly Dr. has improved circulation
- Pullen/ Hillsborough round about is better as one lane
- Increase in night-time bus routes and frequency of service
- Additional gate on Stinson (Leazar) has made traffic more manageable
- On-street parking on Main Campus Dr.
- New gate on Baver Dr. has improved that access point

What could be improved?

<ul style="list-style-type: none"> <li>• Need more frequent or more express service between centennial and Central/ North Campus</li> </ul>	<b>(3 red - 5 orange)</b>
<ul style="list-style-type: none"> <li>• Driving to/on Centennial is easy               <ul style="list-style-type: none"> <li>- Makes walking less likely</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>• Need campus trip planning app to help decide when to drive vs. walking               <ul style="list-style-type: none"> <li>- Factor traffic congestion and parking</li> </ul> </li> </ul>	<b>(1 red - 3 orange)</b>
<ul style="list-style-type: none"> <li>• Left turns from Dan Allen on to Dunn Ave. is difficult               <ul style="list-style-type: none"> <li>- 4 way stop?</li> <li>- Resolve pedestrian crossing</li> </ul> </li> </ul>	<b>(1 orange)</b>
<ul style="list-style-type: none"> <li>• Assess all campus departmental service fleets - Do we have more than we need?               <ul style="list-style-type: none"> <li>- Reduce trips (especially single occupant)</li> <li>- Reduce size of vehicle</li> </ul> </li> </ul>	<b>(5 red - 3 orange)</b>
<ul style="list-style-type: none"> <li>• Get rid of gum tunnel</li> </ul>	
<ul style="list-style-type: none"> <li>• Further restrict vehicles on Cates Ave.</li> </ul>	<b>(2 red - 3 orange)</b>
<ul style="list-style-type: none"> <li>• Designate contractor parking and staging area(s)               <ul style="list-style-type: none"> <li>- Could be used for other needs</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>• Dan Allen gate closing might need reassessing the inconvenience               <ul style="list-style-type: none"> <li>- Impacts to entering Dan Allen deck</li> </ul> </li> </ul>	<b>(2 red)</b>
<ul style="list-style-type: none"> <li>• Get all personal vehicles off campus streets               <ul style="list-style-type: none"> <li>- Once in decks, stay there</li> </ul> </li> </ul>	<b>(3 red - 3 orange)</b>
<ul style="list-style-type: none"> <li>• Vehicle parking on bricks               <ul style="list-style-type: none"> <li>- Service, Vendors, contractors</li> </ul> </li> </ul>	<b>(1 orange)</b>
<ul style="list-style-type: none"> <li>• Yarbrough, Boney, Baver need big improvements               <ul style="list-style-type: none"> <li>- Clean up circulation</li> <li>- Consider eliminating</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>• Increase visual/ camera monitoring points- Bus stops/ Decks/ Car parks</li> </ul>	<b>(1 red - 1 orange)</b>
<ul style="list-style-type: none"> <li>• Main Campus Dr. (especially Trailwood to Campus Shore) has much speeding traffic               <ul style="list-style-type: none"> <li>- Need traffic calming</li> </ul> </li> </ul>	<b>(2 red - 2 orange)</b>
<ul style="list-style-type: none"> <li>• No right on red at Dan Allen onto Hillsborough causes backups for vehicles</li> </ul>	
<ul style="list-style-type: none"> <li>• Restrict more students from parking on campus</li> </ul>	<b>(1 orange)</b>
<ul style="list-style-type: none"> <li>• Study use of Club Cars and Kubotas               <ul style="list-style-type: none"> <li>- Need to be licensed for street use</li> <li>- Help energy use?</li> <li>- Improve service?</li> <li>- Reduce congestion?</li> <li>- Parking?</li> </ul> </li> </ul>	<b>(6 red - 5 orange)</b>
<ul style="list-style-type: none"> <li>• Create an emergency service route map</li> </ul>	<b>(1 red- 1 orange)</b>
<ul style="list-style-type: none"> <li>• Come street addresses are confusing               <ul style="list-style-type: none"> <li>- EG: Admin III on Wolf Village Way but Sullivan Dr. address</li> </ul> </li> </ul>	<b>(1 red)</b>
<ul style="list-style-type: none"> <li>• Reduce visibility of vehicle storage from Belltower to Court of Carolina</li> </ul>	<b>(3 red - 1 orange)</b>



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**Station 7: Other Planning Issues**

What is being done well?

- Gateways
- Building signs good/ helpful (buildings that are located on corners could have a sign on each side)
- Gateway at McKimmon
- Hillsborough St. edge good
- City context: Creamery, walk of Fame, Gregg Museum, Dairy at Lake Wheeler good for inviting public
- City contact: Wolf Village location good for relationship to surrounding residential, presenting an interesting campus edge
- Mater plan process
- Relationship with city of Raleigh staff good
- Building consensus through appropriate committees
- Excited about Governor Hunt library!

What could be improved?

• More definition of campus edge on Gorman	
• Gateway design- link vertical "totem" with horizontal	
• Winston, Caldwell, Tompkins create barrier; permeability to Court of Carolinas needed	<b>(1 orange)</b>
• Massing of Town Center (proposed) may create a barrier to lake	<b>(2 red)</b>
• Focus on main entrance to building, minimize secondary entries/exits	<b>(1 orange)</b>
• Emphasize on future growth pattern of landscaping for security and placement of security cameras	<b>(1 orange)</b>
• Uniformity in design at campus edges; a "brand"	<b>(2 red - 5 orange)</b>
• Signs on buildings themselves to name/identify the building - Add street name to building address - Add "pointer" signs for main destinations - More "you are here" maps - Distance signs- EX: "five mins to Talley"	<b>(3 red - 3 orange)</b>
• Move Stinson information booth where visitor's come (Bell Tower?) and actually answer questions	
• Western Blvd. edge not well defined	<b>(12 red - 2 orange)</b>
• Additional gateway at Pullen	<b>(2 red - 2 orange)</b>
• RBC Center edges are not differentiated from Fairgrounds	
• Carter Finely parking areas needs redesign; pathways aren't clear	<b>(1 red)</b>
• Directional signage from visitor Parking deck locations	<b>(3 orange)</b>
• No sidewalks at Faucette, Grinells, Weaver (university design)	
• Vehicular way-finding between precincts needed	<b>(1 red - 3 orange)</b>
• Banners on street lights can help with branding edges	
• Short term visitor parking at Admin I-III buildings, Pullen, Harris Bookstore	
• State using term "handi-capable"	
• Improve safety for student housing	<b>(2 red)</b>
• Smart grid on Centennial Campus - interconnect all utilities, figure out demand for campus as a whole	<b>(6 red - 4 orange)</b>
• Location of gender neutral locations- spaces in MP	<b>(1 red - 1 orange)</b>
• Update utilities master plan maps	<b>(2 orange)</b>